APPENDIX C

MEPES - MANAGE MEDICAL REFERENCE DATA

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C.1 PURPOSE

The Manage Medical Reference Data function allows the medical database planner to create and subsequently update Service-approved scenarios for inclusion in the GCCS Medical Reference Database (MRD). It also allows the field medical planner to view the various Service approved scenarios and print them for use in off-line planning activities.

C.2 GENERAL

The GCCS MRD is subdivided first by military Service, Joint, and CINC reference data. Within each military Service, it is further sub-divided into Service Scenario and Service Hospital Unit Type Code (UTC) data. Each Service may define up to 10 scenarios for inclusion in the database. Each Service Scenario database is given a unique identifier. The Service Hospital UTC Database provides hospital operational characteristics for standard Service approved hospital UTCs. One Joint Database will be available and each warfighting CINC will define data for inclusion in the database. Service Scenarios are normally oriented towards particular OPLANs, series of OPLANs, or specific geographical areas. Similar factors in the database may differ between scenarios to reflect differing enemy threats, tempos of operation, climates, frequency distributions of wounds, injuries, or disease diagnoses. Service Hospital UTC provide details on the unit's operational characteristics and personnel staffing. Joint data is that which is not tied to a specific area and may be employed the same throughout the world. Items such as blood, blood product consumption rates, and aeromedical evacuation conveyance factors fall into such a category. CINC data is currently defined as those medical supplies determined by the CINC as critical to successful operations. The designated Service, Joint, and CINC database planner may create and update any data element within the MRD as necessary within their permissions authority.

C.3 SPECIAL OPTIONS

C.3.1 Create Service Reference Data

Each Service medical database planner will create two types of Service reference data. The first type is Service Scenario reference data. This data relates to a specific scenario and provides various planning rates. Because the Service Scenario reference relates to a specific scenario, the Service must uniquely identify each scenario created. Paragraph C.3.1.1 provides specific information on this type reference data. The second type is Service UTC reference data. This data relates to the Service's generic hospital UTCs to include operational characteristics and personnel staffing. This data is not scenario specific, therefore, it is not given a unique identifier. Paragraph C.3.1.2 provides specific information on this reference data.

C.3.1.1 Create Service Scenario Reference Data. Each Service medical database planner will be allowed to create up to 10 Service approved scenario databases. One of these scenarios may be a Training Scenario. The planner will assign a Scenario Name and classification to each created database. The MEPES software will automatically record the creation date as the Joint Reporting System (JRS) report date and will automatically update when any revisions to the database are made. MEPES will allow the database planner flexibility as to the sequence of entering the data. The Service medical database planner will enter the following data for each scenario:

C.3.1.1.1 Combat Intensity/Operational Tempo Rates. Personnel losses, to include medical casualties, are related to five levels of Combat Intensity/Operational Tempo. Rates are expressed in the number of personnel admitted and/or lost per 1000 (or portion thereof) PAR per day. The acceptable format for rates is up to three (3) places to the left of a decimal point and up to two (2) places to the right of the decimal point. Rates are required for each casualty type. The Service medical database planner will enter rates for the following casualty types: WIA; KIA; MIA; CAPTURED; ADMIN; BF; DIS; NBI; and, if appropriate, UNCV.

> **RULES**
>
> •   The definitions for Combat Intensity are those Service approved definitions contained in the *JOPES MPM Computer System Manual, CSM UM 231-92, 10 October 1992*, Appendix D, pages D-1 and D-2.
>
> •   The term Operational Tempo is the term approved by the Joint Medical Working Group (JMWG) at the March 1992 conference, and is applied for the Disease and Non-Battle Injury Rates following the same definition guidelines used for the Combat Intensity Rates.
>
> •   The definitions for casualty and patient admission rates are those Service approved definitions contained in the *JOPES MPM Computer System Manual, CSM UM 231-92,* 10 October 1992, Section 2, pages 2-10.
>
> •   Rates are per 1000 carried to two (2) decimal space places. The acceptable format for rates is up to three (3) places to the left of a decimal point and up to two (2) places to the right of the decimal point. For example: 10.23; 1.76; or 345.34.

C.3.1.1.2 Evacuation Policy Planning Factors. MEPES uses evacuation planning factors to estimate the quantity and timing of patient flow from the battlefield through the theater to CONUS. Evacuation planning factors are defined for each standard evacuation policy day. Evacuation Policy days are currently established for days 2 through 60 inclusive. For each evacuation policy day the following planning factors are assigned: percentage of casualties to be evacuated by Casualty Type (WIA, DIS, NBI, BF, and UNCV); expected percentage distribution of evacuees by one of the 13 ASMRO categories, as appropriate; expected percentage mixture of litter versus ambulatory for each day; and expected percentage of bed acuity levels for each day.

a. Percentage of Casualties

RULES

- The number is the expected percentage of this type of casualty who will be evacuated based upon the stated evacuation policy day.

- The number is expressed as a whole number.

- Acceptable values for each casualty type range from 0 (zero) to 100. For example: WIA: 100; DIS: 51; NBI: 98; BF: 100; UNCV: 0. Each evacuation policy day line does not add to 100. Each casualty type stands by its self.

b. Distribution percentage of evacuees by the 13 ASMRO categories.

RULES

- For each evacuation policy day the aggregate percentage of the 13 ASMRO categories must equal but cannot exceed 100 percent.

- The number is expressed as a whole number.

- Acceptable values for each of the 13 ASMRO categories ranges between 0 (zero) and 100. However, the aggregate total for each evacuation policy day line cannot exceed 100 percent. For example, if the percentages shown for MM is 30, SO is 30, and SB is 40, then the remaining 10 categories must be shown as 0 (zero) because the aggregate total is already 100 percent.

- MEPES will use the following 13 ASMRO Categories and Codes:

Table C-1: ASMRO Categories.

ASMRO CATEGORY	ASMRO CATEGORY CODE
Medical	MM
Psychiatry	MP
Orthopedic Surgery	SO
Spinal Cord	SC
Burns	SB

ASMRO CATEGORY	ASMRO CATEGORY CODE
OB/GYN	SG
Pediatrics	MC
General Surgery	SS
Neurosurgery	SSN
Thoracic Surgery	SSC
Ophthalmology	SSO
Urology	SSU
Oral-Maxillofacial Surgery	SSM

    c. The percent mixture of evacuees who will be litter versus ambulatory.

RULES

- The percentage of ambulatory is to be calculated by using the formula:

    Ambulatory = 100 % - (minus) the % of Litter

- The number is expressed as a whole number.

- Acceptable values range between 0 (zero) and 100. For example, if the number of Litter patients is entered as 89, then MEPES calculates evacuees as 89 percent Litter and 11 percent Ambulatory for that particular EP day.

    d. Distribution percentage by bed acuity levels.

RULES

- For each evacuation policy day, the aggregate percentage of the four Bed Acuity levels must equal but cannot exceed 100 percent.

- MEPES uses the following Bed Acuity Categories and Codes: Intensive Care Unit (ICU); Intermediate Care Ward (ICW); Minimal Care Ward (MCW); Convalescent Care Ward (CCW).

- The number is expressed as a whole number.

- Acceptable values for each of the four Bed Acuity levels range between 0 (zero) and 100. <u>HOWEVER</u>, the aggregate total for each evacuation policy day line cannot exceed 100 percent. For example, if the percentage

for ICU is 25, ICW is 45, and MCW is 30, then CCW must be shown as 0 (zero) because the aggregate total is already 100 percent.

C.3.1.1.3 Bed Dispersion Allowance. The Bed Dispersion Allowance is used to upwardly adjust the basic bed requirements to reflect an overhead of beds caused by patient dispersion and hospital flexibility requirements. MEPES will accept a different allowance for each of the five OPZONEs. The basic allowances are entered as percentages and then will be converted to dispersion factors in the MEPES computational process. The derived dispersion factor will be multiplied against the originally computed daily bed requirements (based on one bed per patient) to compute the adjusted requirement. If no dispersion allowance is desired for a particular OPZONE, an entry of zero (0) should be made. Service medical database planners will enter a Bed Dispersion Allowance for each scenario as necessary.

RULES

- The definition for Bed Dispersion is the Service approved definition contained in the *JOPES MPM Computer System Manual, CSM UM 231-92*, 10 October 1992, Appendix D, page D-3.

- The Bed Dispersion allowance is expressed as a percentage and as a whole number.

- Bed Dispersion allowances are assigned by OPZONE only.

- Bed Dispersion allowance may be assigned for any or all active OPZONEs. If no dispersion is desired, then an entry of zero (0) is required.

- Acceptable values for the Bed Dispersion range from 0 to 99.

C.3.1.1.4 Died in Hospital (DIH) Percentage. DIH is the number of casualties who are expected to die after being admitted to the hospital. MEPES will allow the use of two DIH rates: 1) those who are expected to die in the hospital based upon the number of initial WIA admissions; and 2) those who are expected to die in the hospital based upon the number of initial Unconventional Wound admissions (if applicable). These rates are entered as percentages and apply for all WIA admissions and UNCV admissions, respectively.

RULES

- The definition for DIH is the same as the Service approved definition for DOW contained in the *JOPES MPM Computer System Manual, CSM UM 231-92,* 10 October 1992, Section 2, pages 2-10.

- DIH rates are applied to only initial WIA admissions, or UNCV admissions.

- The number of UNCV DIHs is subtracted from each day's UNCV admissions, if applicable.

- DIH or UNCV DIH rates are constant for all OPZONEs.

- The percentage of hospital deaths resulting from Disease, Non-battle Injury, and Battle Fatigue are considered to be statistically insignificant.

- DIH rates are entered as whole number and then converted to the appropriate percentage during the computational process. The acceptable range of values is between 0 and 100. For example, the planner would enter 13, 50, or 69 into the data table, then during the computational process MEPES would convert the number to .13, .5, or .69 to reflect a 13 percent DIH rate, or 50 percent DIH rate, or 69 percent rate.

C.3.1.1.5 Class VIIIA - Medical Supply Rates. MEPES uses supply class VIIIA - Medical Material, consumption rates to estimate the gross medical supply requirements in support of a Theater of operations. MEPES is programmed to use up to four different Class VIIIA consumption rates to estimate the gross requirements. Each Service may use any number of approved consumption rate methods. The four approved methods are: 1) the number of pounds per Patient Day per day; 2) the number of pounds per PAR per day; 3) the number of pounds per Admission per day; and 4) the number of pounds used by type of Hospital UTC per day. For methods one through three, the rates are applied at the OPZONE level only. For method four, the requirements are based on the number of UTCs located per OPZONE.

RULES

- Each Service may use one or more of the approved Medical Supply consumption rate methods for each of the Service approved Scenarios. Each Service will define their own rates for the methods that apply.

- The unit of measurement used for each of the approved consumption methods is pounds (lbs) and it is to used to compute daily requirements. MEPES will convert the pounds into Short Tons (STONS).

- The Medical Supply Consumption Rate is applied at the OPZONE level only and may be different for each OPZONE.

- The lbs/PAT/day rate is defined as the number of pounds required daily equals the medical supply consumption rate times the number of Patient Days within an OPZONE.

- The lbs/PAR/day rate is defined as the number of pounds required daily equals the medical supply consumption rate times the number of personnel within an OPZONE.

- The lbs/ADM/day rate is defined as the number of pounds required daily equals the medical supply consumption rate times the number of "TOTAL" hospital admissions within an OPZONE.

- The acceptable format for the Medical Supply Consumption Rate is a four character number with up to two (2) decimal places to the left of the decimal point and up to two (2) decimal places to the right of the decimal point. For example: 1.67, 12.34, or .67.

C.3.1.2 Create Service UTC Reference Data. Each Service medical database planner will be allowed to create any number of Service approved hospital UTCs for inclusion into the MRD. Service UTC reference data consists of two major areas. The first area consists of key operational characteristics of the hospital UTC. Paragraph C.3.1.2.1 provides detailed information concerning this area. The second area consists of hospital UTC personnel staffing patterns. Paragraph C.3.1.2.2 provides detailed information concerning this area.

C.3.1.2.1 Create Service Hospital UTC Operational Characteristics. MEPES uses Service approved UTCs for hospital units to define what medical support requirements are needed for a theater of operations. The Services are required to provide operational characteristics for each hospital UTC that may be employed within a theater of operations. The Service Hospital UTC data is not tied to a Service Scenario. Instead, the MEPES database will store data for all hospital UTCs that are considered current and active by the respective Service. The hospital UTCs should match the hospital UTCs defined in the Type Unit Characteristics (TUCHA) file. Operational characteristics include: 1) number of days it will take for the hospital to reach Full Operational Capability (FOC) after the Latest Arrival Date (LAD) of its staff and augmenting personnel based upon the type of hospital unit being defined; 2) the number of beds by acuity type assigned to the hospital UTC; 3) the number of operating room (OR) tables assigned; 4) the number of days of supplies (DOS) (medical) available to the UTC which are considered its basic load; 5) the number of days of medical supplies to the UTC which are considered as its resupply load; 6) the number of pounds of medical supplies consumed by this hospital UTC per day based upon full utilization of the hospital; 7) the number of Short Tons (STONS) of its resupply package; and 8) the cubic feet of the resupply package. MEPES uses the Required Delivery Date (RDD) to determine when beds by (acuity level) become available within OPZONEs and Sectors within a theater. This RDD should be the LAD plus FOC of the specific hospital UTC. This then allows the planner to compare theater bed requirements as computed by the MEPES MPM process against TPFDD arrival dates. Operating Room (OR) Table requirements can also be compared against sourced resources. The Days of Supply characteristics assist the planner in development of the Non-Unit Cargo Resupply TPFDD. The UTC medical supply consumption rate per day is one of the four approved methods to compute Class VIIIA requirements within MEPES. The Resupply weight in STONS and Measurement Tons (MTONS) assists the planner in completing the Non-Unit Cargo TPFDD records.

RULES

- Each Service Hospital UTC will comply with the guidelines contained in Joint Pub 1-03.29, *Joint Reporting Structure Type Unit Characteristics Report*, and associated Service directives concerning UTC structure.

- Each Service Hospital UTC will be either a standard UTC as defined in the TUCHA, or will comply with Joint Pub 1-03.21, *Joint Reporting Structure, JOPES Reporting System,* 30 September 1992, or appropriate Service directives as required if a Non-Standard UTC is used.
- MEPES will address Service Hospital UTCs only. These UTCs must be current and available for Force assignment.

- MEPES uses the following definitions of Bed Acuity levels: 1) ICU - Intensive Care Unit beds; 2) ICW - Intermediate Care Ware; 3) MCW - Minimal Care Ward; and 4) CCW - Convalescent Care Ward.

- Days to FOC is defined as: the number of days after its latest arrival date at its POD (LAD), it will take for the hospital to reach its assigned mission capability.

- Basic Load DOS is defined as: the number of days of medical supplies that a UTC has available before resupply is required.

- Resupply DOS is defined as: the number of days of medical supplies that are assigned to the UTC resupply package.

- The Lbs/UTC/Day rate is defined as: the number of pounds consumed daily for the specified hospital UTC.

- Resupply Weight is the weight of the medical resupply package expressed in STONS. A STON equals 2000 pounds.

- Resupply Cube is the amount of total cubic feet for the unit resupply package expressed as MTONS (1MTON= 40ft^3/STON).

The data element size and type for each field used to complete the Hospital UTC Operational Characteristics table.

- UTC: A five-character alphanumeric code. MEPES uses only Service Hospital UTC.

- Days to FOC: Up to a two digit whole number. Acceptable format: 1 or 10. Leading zeros are not required for single-digit days.

- ICU / ICW / MCW / CCW beds: Up to a four-digit whole number for each bed acuity type. Individual totals cannot exceed the total number of beds assigned to the UTC mission statement. Acceptable format: 1, or 23, or 230, or 2000.

- OR Tables: Up to a two-digit whole number. Acceptable format: 4, or 24.

- Basic Load DOS: Up to a two-digit whole number. Acceptable format: 7, or 60.

- Resupply DOS: Up to a two-digit whole number. Acceptable format: 7, or 23.

- Lbs/Day Usage Rate: Up to a five-digit whole number. Acceptable format: 100, or 1000, or 10000.
- Resupply Weight (STONS): Up to a five-digit number carried out to two (2) decimal places. The acceptable format is up to three (3) places to the left of the decimal point and up to two (2) places to the right of the decimal point. For example: 1.5, 23.56, 2.35, 123, or 124.34.

- Resupply Cube: Up to a seven-digit number carried out to two (2) decimal places. The acceptable format is up to four (4) places to the left of the decimal point and up to two (2) places to the right of the decimal point. For example: 1.5, 235.6, 11234.56, 2.56, or 23.4.

C.3.1.2.2 Service Hospital UTC Personnel Staffing. MEPES uses Service approved hospital UTC personnel manning to define what medical support personnel requirements are needed for a theater of operations. The Services are required to provide the personnel assignments for each hospital UTC that is identified as current and active. The Service hospital UTC personnel data are not tied to a Service Scenario. Instead, the MEPES database will store data for all Hospital UTCs. It is recognized that each Service staffs its hospital UTCs differently. Services may combine both the personnel and equipment/supplies as one UTC. Services may also separate the personnel and equipment/supplies into more than one UTC. For this portion of the MEPES database, the Services should include all UTCs that provide personnel to staff their hospitals. The UTCs should match the UTCs defined in the TUCHA file. MEPES requires the following data: 1) the UTC code; 2) the specialty (occupational) code (MEPES uses the specialty (occupational) codes as defined in *DoD 1312.1-M, Occupational Conversion Manual, Enlisted/Officer/Civilian*, January 1989, instead of the Service unique occupational codes); 3) the Corps, as applicable; 4) a plain-language description of the specialty (occupational) code; 5) the grade (E1, etc. or O1, etc.) for each manning position; 6) the quantity of each specialty assigned to the UTC; and 7) a rating of the criticality of the specialty to the UTCs' mission (Critical - YES/NO). MEPES uses the DoD 1312.1-M occupational codes to standardize personnel reporting capabilities. MEPES uses the quantities identified to assist in computing theater personnel requirements for hospitals and to assist in comparing the requirements against sourced TPFDD capabilities. MEPES will produce a variety of reports based upon this input and the reporting parameters selected by the medical planner.

　　　RULES

- Each Service Hospital UTC will comply with the guidelines contained in *Joint Pub 1-03.29, Joint Reporting Structure Type Unit Characteristics Report*, and associated Service directives concerning UTC structure.

- Each Service Hospital UTC will be either a standard UTC, as defined in the TUCHA, or will comply with *Joint Pub 1-03.21, Joint Reporting Structure, JOPES Reporting System*, 30 September 1992, or appropriate Service directives as required if a Non-Standard UTC is used.

- MEPES will address Service Hospital UTCs only. These UTCs must be current and available for Force assignment.

- Service Hospital UTCs may contain both medical and non-medical personnel as appropriate for each Service.

- The DoD 1312.1-M Occupational Skill Identifier codes and titles are used by MEPES.

- The Corps designations will comply with Service directives.

- Quantities will be the aggregate total for each specialty without regard to functional work area assignment.

- MEPES uses grades not ranks. Grades are displayed as E1 through E9, and O1 through O8.

- All hospital specialty (occupational) codes are considered as critical unless marked otherwise.

- Data Element Values:

    - Specialty Code: DoD 1312.1-M codes are used. As an example: an Orthopedic Surgeon will be entered as a "6A32 " rather than as an Army "61M"; Navy "1516/1517/1518/1519"; or Air Force "9486" plus all suffixes.

    - Corps: Acceptable values are those established in accordance with Service directives. For enlisted personnel use "Enl". For non-medical officer personnel use "Non".

    - Title: DoD 1312.1-M titles are used and will be automatically generated once the DoD Specialty code is entered.

    - Quantity: Enter the aggregate total for the specialty. This can be further refined by grade as desired.

    - Grade: Grade codes will be entered rather than ranks. Acceptable values: E1 through E9 and O1 through O8.

-        Critical: The Service-defined criticality of the position to mission accomplishment. All are considered critical unless marked otherwise.

C.3.2 Create Joint Reference Data

MEPES will allow the Joint medical database planner to create Joint databases for those planning factors that transcend a particular Service. This data is applied throughout the world. Data that falls into this category are Class VIIIB, Blood and Blood Products, consumption rates, AE conveyance planning factors for aircraft, AE crew, and AE equipment, and AE Staging Facility capabilities. In addition, this Joint database will include medical supply items identified by the appropriate CINC as critical to sustain operations when necessary. The following paragraphs discuss the data that the Joint medical database planner will enter.

C.3.2.1 Blood and Blood Products. MEPES uses supply Class VIIIB-Blood consumption rates to estimate the daily blood and blood product requirements in units to support a Theater of Operations. MEPES is programmed to use three types of blood and blood product consumption rates during its computational process. Consumption rates to be used include: 1) Red Blood Cells (RBCs); 2) Fresh Frozen Plasma (FFP); and 3) Platelet Concentrate (PLAT). These rates will be applied against the initial WIA and NBI admissions within each OPZONE. Consumption rates are at the OPZONE level only.

RULES

- Blood requirements are expressed as the number of "Units".

- Blood consumption rates are applied against initial WIA and NBI admissions only.

- Blood consumption rates are applied at the OPZONE level only.

- Acceptable format for blood consumption rates is up to two (2) places to the left of the decimal point and up to two (2) places to the right of the decimal point. For example: 1.34; 11.23, .8; or .34.

C.3.2.2   Aeromedical Evacuation Conveyance Planning Factors. MEPES uses Joint Conveyance Planning factors to assist the medical planner in developing the AE environment in support of the Theater of Operations. Currently, MEPES is programmed to process only US Air Force aircraft capable of supporting the aeromedical evacuation system.

RULES

- Aircraft Type: MEPES processes data for aircraft capable of supporting the tactical and strategic Aeromedical Evacuation missions of the US Air Force.

- Mission Role and Type: Mission Roles are defined as either Tactical (intratheater) or Strategic (intertheater). Allowable values: T or S; Mission Types are defined as either Dedicated or Retrograde. Allowable values: D or R.

- Patient Load: The planned patient carrying capacity of an AE aircraft based upon aircraft type, mission role and mission type. For example 50, 60, or 110.

- Load Time: The planned amount of time required to load the planned patient configuration. Allowable values: 1.0 hrs, 1.5 hrs, or 3.2 hrs.

- Aircraft Turnaround Time: The amount of time required to off-load, service, and on-load a particular type aircraft. Allowable values: 2.5 hrs, 12.5 hrs.
- AE Crew Planning Factor: A numeric multiplier used in determining the number of AE missions that might be required.

- AE Crew Members Required by Aircraft: The number of individual AE crew members assigned to support a particular type of AE aircraft based upon the mission role and type. Allowable values: 5, 7, 10.

- AE Equipment Weight: The weight of the AE kits and related equipment used to support a particular AE aircraft, mission role and type. Expressed as STONS.

- AE Equipment Cube: The cubic measurement of the AE kits and related equipment used to support a particular AE aircraft, mission role and type. Expressed as MTONS.

C.3.2.3 Aeromedical Crew Days per Month. MEPES will use the planning factor maximum number of days per month that an AE crew member can fly on AE missions to assist in computing the number of missions that may be available to support the AE concept of operations for a theater. This factor will be used during the Execution phase of MEPES which is expected to be developed at a later date. The maximum number of days that an AE crew member may fly per month is dependent upon the type aircraft used, the missions type (retrograde/dedicated) and role (tactical/strategic) assigned to the aircraft, and the CINC's AOR that the aircraft is programmed to support.

   RULES

- Aircraft Type: MEPES will process data for aircraft capable of supporting the tactical and strategic Aeromedical Evacuation missions of the USAF.

- Mission Role and Type: Mission Roles are defined as either Tactical (intratheater) or Strategic (intertheater). Allowable values: T or S. Mission Types are defined as either Dedicated or Retrograde. Allowable values: D or R.

- Theater of Operations: Planning factors applied to the following Unified Commands only: CENTCOM, PACOM, EUCOM, and SOUTHCOM.

- Maximum number of days factor: This must be a whole number to two digits. Acceptable format: 1, or 15.

The Joint medical database planner will be allowed to enter the processing capabilities of both Aeromedical Staging Facilities (ASFs) and Mobile Aeromedical Staging Facilities (MASFs) in support of AE operations. MASFs are primarily assigned to OPZONE 1, however, MEPES will allow the field user to modify assignment criteria within the Medical Planning Factors (MPF) File.   ASFs are normally assigned to OPZONEs 2 through 5.

RULES

- MASF

    - Processes 200 patients per 24 hours.

    - The Unit Type Code assigned is FFLAB.

- ASF

    - The Unit Type Codes assigned to ASFs are: FFLBD(25 Beds), FFLCA(100 Beds), FFLDA (150 Beds), and FFLEA (250 Beds).

    - ASFs will turnover their bed capacity every 24 hours.

C.3.2.5 Supply Class 1 B-Rations. EPES uses supply Class 1 B-Ration consumption factors to estimate patient meal requirements for hospital locations. MEPES will calculate the requirements by assuming a certain percentage of all patients will consume the normal rations and B-Ration supplements while assuming that the remaining percentage of patients will require a Medical B-Ration supplement to their diet.

RULES

- Normal Ration and B-Ration supplements will be consumed by 77 percent of all patients.

- Medical B-Ration supplements will be consumed by 23 percent of the patients.

- The B-Ration weight and cube planning factors are:

    3.834 Lbs (Gross)   .1226 Cubic Feet

- The Medical B-Ration weight and cube planning factors are:

    4.280 Lbs (Gross)   .1310 Cubic Feet

C.3.2.6 CINC Critical Medical Items. The Joint medical database planner will be allowed to identify medical supply items by National Stock Number (NSN) level of detail for each supported CINC. The purpose of this capability is to allow the CINC to designate those medical supply items considered critical to mission accomplishment within that particular theater.   The Joint medical database planner will be allowed to create a CINC list. Once created, the planner may add additional items to the list or may delete items from the list. MEPES design will not allow the planner to modify the NSN number or the NSN descriptions. Future development may allow the planner to enter NSN quantities to allow for capabilities analysis.

C.3.3 Browse/Print Reference Data

MEPES will allow any authorized MEPES user to browse their Service Medical Reference Database (RD) on screen and print this screen, if desired. In addition, the MEPES user will be able to browse Joint Database data because this database is automatically included when the Service Medical Database is transferred to the user's server.   The Joint user may browse any Service RD by entering MEPES as a Service user for the Service RD to be viewed. The Joint user may back out of this Service RD to the MEPES Main Window and then select another Service. After selecting the new Service, the Joint user may access a new Service RD to view. By following this procedure, the Joint user may move between Services to view their RD factors.

C.3.4 Modify Reference Data

MEPES will allow only the Service medical database planner to modify any data element within the Service Scenarios, or Service UTC databases. MEPES will allow only the Joint medical database planner to modify any data element within the Joint Medical Reference Database. Only designated CINC medical database planners will be allowed to modify the CINC reference data.   MEPES User medical planners will not have the ability to access this functionality.

C.3.5 Delete Reference Data

MEPES will allow only the Service medical database planner to delete a Service RD Database or Service UTC by identifying the specific Service Scenario RD or Service UTC to be deleted. Since only one Joint Reference Database exists, this database cannot be deleted in a similar manner. Deletions to Joint RD data is accomplished through the Modify RD Mode.

C.3.6 Transfer Reference Data

The MEPES Medical Reference Database may be transferred from one server to another server. MEPES allows two types of transfers. First, the Service planner may Import or Export a single Service medical reference database. When the Service planner initiates this single Service Import/Export function, MEPES will automatically include the Joint Service medical reference database. The other type is the transfer of all medical reference databases for each Service. This type transfer is only available to the Joint planner. As with the single Service transfer, the Joint medical reference database is automatically included.

C.4 RESTRICTIONS AND LIMITATIONS

C.4.1 Restrictions

MEPES restricts access to the Medical Reference Database tables. Only designated Medical Database Planners from the Military Services, and specific Joint Headquarters will be granted access to create, modify, or delete Medical Reference Database tables.

C.4.2 Quantity of Service Reference Databases

MEPES allows the Service medical database planner (MEPES DBA) to create up to 10 Service Scenario RDs only.   The planner must delete an existing RD to create a new one if the new one will exceed this 10 MRD limit.
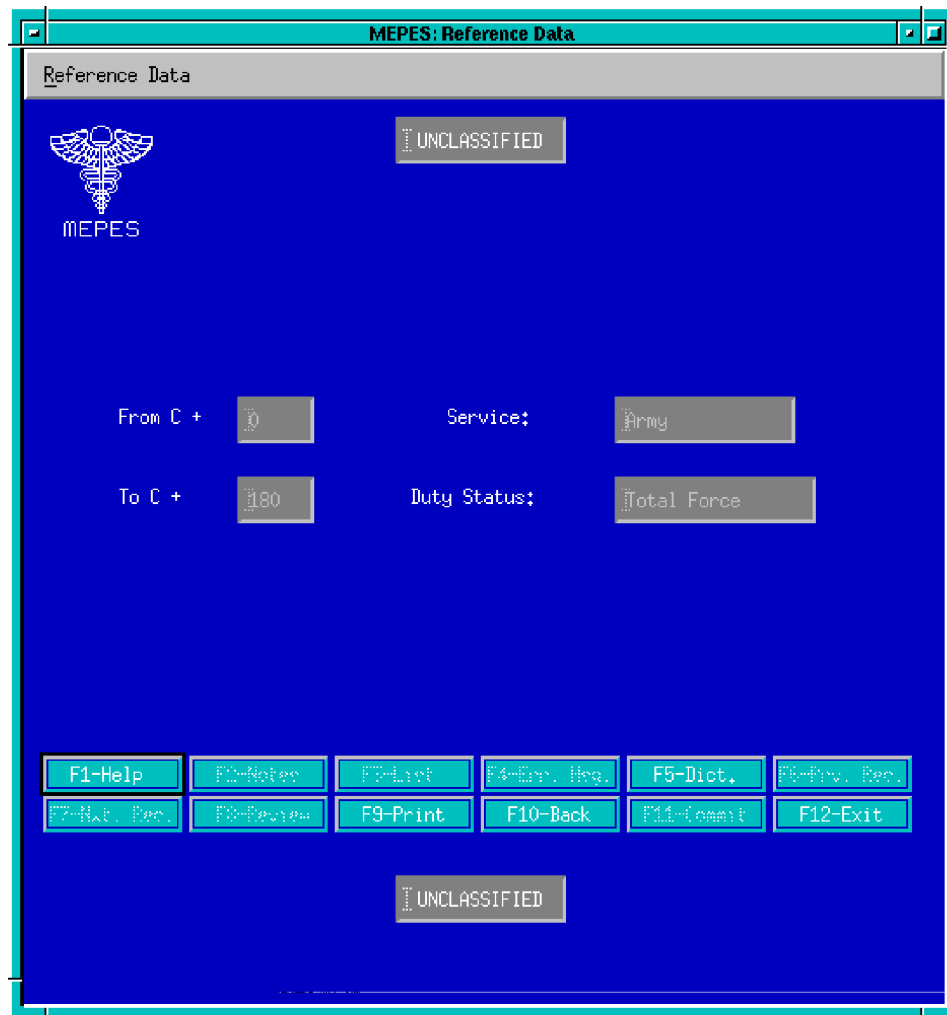
C.5 ERROR HANDLING

MEPES conducts a verification edit of all primary key data inputs. If data entries do not match required parameters, then MEPES will display a error message with a reason why. In addition, the error fields will be painted YELLOW.

C.6 OUTPUT

The Service or Joint medical reference database will be the only output of this function. This output may be displayed on screen or a Medical Database (MRD) report may be printed.

C.7 INPUT

The Service medical database planner and the Joint medical database planner developed inputs are the primary inputs to this function. The following steps describe the process for the MEPES Manage Reference Data execution.

Step 1 - MEPES Reference Data Main Window Display

Figure C-1: Reference Data.

Step 2 - Access to Reference Data Menu

Select < Reference Data Menu>

Step 3 - Reference Data Menu Display

> CREATE
> BROWSE
> MODIFY
> DELETE
> TRANSFER
> LIST FILES
> REPORTS

Select < *reference data menu option* >

If < *Create* >, go to step 4 (only if medical database planner)
If < *Browse* > , go to step 20
If < *Modify* >, go to step 35 (only if medical database planner)
If < *Delete* >, go to step 50 (only if medical database planner)
If < *Transfer* >, go to step 51
If < *List Files* > , go to step 52
If < *Reports* >, go to step 53

Step 4 - Type Reference Data Menu Display

> SERVICE
> CINC
> JOINT

Select < *Type Reference Data* >

If < *Service* >, go to next step 5
If < *CINC* >, go to step 12
If < *Joint* >, go to step 14

MEPES requires the Service DBA to *Name RD* before any other Service Scenario reference data can be created (entered). If the Service DBA wants to *create Service UTCs or Personnel Requirements data*, no name identifier is required. GO TO STEPS 10 or 11.

Step 5 - Create Service RD Menu Display

```
NAME RD
COMBAT INTENSITY RELATED RATES
EVACUATION PLANNING FACTORS
OTHER PLANNING FACTORS
UNIT TYPE CODES
PERSONNEL REQUIREMENTS
```

Select < create service RD menu option >

If < *Name RD* >, go to step 6
If < *Combat Intensity Related Rates* >, go to step 7
If < *Evacuation Planning Factors* >, go to step 8
If < *Other Planning Factors* >, go to step 9
If < *UTCs* >, go to step 10
If < *Personnel Requirements* >, go to step 11

Step 6 - Name Service Scenario RD

Figure C-2: RD Create Panel.

Click on SCENARIO NAME, Enter a unique *Name*.

NOTE: Maximum 15 alpha-numeric character data element. (i.e., 4102, 5000 series, Training OPLAN).

After entering *Scenario Name* - Click **F11-Commit**. User returned to RD Main Window

Once the Service Scenario RD is named, user may enter the remaining Service Scenario data in any sequence.

Step 7 - Create Combat Intensity Related Rates

Figure C-3: RD Combat Intensity Related Rates Panel.

The WIA, DIS, NBI, BF, and UNCV Admission Rates are expressed as a 5-digit number (3 integers and 2 decimal places) representing the number of individuals from a population of 1000 who will be admitted to the hospital system for a particular cause on any one OPLAN day under a specific level of combat.

The KIA, MIA, CAPTURED, and ADMIN Loss Rates are expressed as a 5-digit number (3 integers and 2 decimal places) representing the number of individuals from a population of 1000

who will be Non-medical losses for a particular cause on any one OPLAN day under a specific level of combat.

Click on individual COMBAT INTENSITY AND OPTEMPO LEVELS.   Enter valid *Casualty and Admission Rates*.

User may enter Rates in <u>any</u> sequence.

After entering all rates - Click **F11-Commit**. User returned to RD Main Window.

<u>Step 8 - Create Evacuation Planning Factors RD</u>

Figure C-4: RD Evacuation Planning Factors Panel.

MEPES <u>requires</u> the user to enter data for each EP day (EP day 2 through 60 inclusive). The user may enter data in any sequence on the EP day Panel.

<u>Evacuees Percentage</u>

Click on EVACUEES % .   Enter the *Admission Percentages*.

ASMRO Category

Click on ASMRO CATEGORY PERCENT.   Enter the *Distribution Percentages*.

Bed Acuity Levels

Click on BED ACUITY LEVELS.   Enter the *Distribution of Bed Acuity Levels*.

Litter versus Ambulatory Mixture

Click on LITTER. Enter the *Percent of Litter Evacuees*.

After all entries have been made, Click **F11-Commit**. Evacuation Policy Panel refreshes and reappears.

Once the Evacuation Policy Panel reappears, the User may Click on **F7-Next Record** to move to the next Evacuation Policy Panel and enter data in similar manner. The User may continue to enter Evacuation Policy data in this manner until EP days 2 through 60 are completed.   Or, if the user wants to duplicate the same Evac Policy data for another day, Double Click on the EVACUATION POLICY field. Enter new *EP Day*, then Click **F11-Commit**. Evacuation Policy Panel refreshes and reappears. User may then use either method to continue entering data.

NOTE: The user may stop data entry and return to Step 5 at any point by Clicking **F10-Back**. If this is invoked, the user will not be allowed to return to this menu option in the *< Create >* mode. To regain access, user must enter through the *< Modify >* mode.   This allows the user to initiate the Evacuation Policy RD without having to totally complete all EP days in one session. For example, the user may identify a Service RD, complete EP days 2 through 35 then cease entering by saving the data and exiting the system. On a subsequent session, the user would access this RD through the *< Modify>* path and finish entering days 36 through 60.

After completing all data entry, Click **F10-Back**. User returned to RD Main Window.

Step 9 - Create Other Planning Factors RD

Figure C-5: RD Other Planning Factors Panel.

MEPES requires each Service Scenario to include certain Other Planning Factors. Currently these Other Planning Factors are Dispersion Allowance, Class VIIIA Consumption Rates, and both the conventional and unconventional (if applicable) DIH rates.

Dispersion Allowance

Click on DISPERSION ALLOWANCE. Enter the *Percentage* for each OPZONE.

Class VIIIA

Click on CLASS VIIIA. Enter the *Class VIIIA Consumption Factors* for each OPZONE. Enter only those that comply with Service policy. MEPES will default to 0 (zero) if no entry is made.

DIH Rate

Click on DIH RATE.   Enter the *DIH Percentage factor.*

UNCV DIH Rate

Click on UNCV DIH RATE. Enter the *UNCV DIH Percentage factor*.

After Final Entry - Click **F11-Commit**. User returned to RD Main Window.

Step 10 - Create Service UTCs RD

Figure C-6: RD Unit Type Codes Panel.

NOTE: The user <u>must</u> Enter *UTC Code* <u>before</u> any other data entry is allowed.

Click on UTC.   Enter the *UTC Code*. After entry, Push RETURN Key.

Unit Type Codes Panel refreshes and reappears with *UTC Code* displayed.

Click on UTC DESCRIPTION.   Enter the *UTC Description*. After entry, Push RETURN Key.

Unit Type Codes Panel refreshes and reappears with *UTC Code* and *UTC Description* displayed.

User may now enter remaining data in <u>any</u> sequence.

<u>Bed Acuity Distribution</u>

Click on NUMBER OF BEDS. Enter the *Number of Beds* for each acuity type.

<u>Days of Supply</u>

Click on BASIC LOAD. Enter *Number of Days*. Click on RESUPPLY PACKAGE. Enter *Number of Days*. Click on POUNDS/DAY. Enter *Number of Pounds*.

<u>Size of Resupply Package</u>

Click on WEIGHT STONS. Enter the *STON weight*.

Click on CUBE. Enter the *Cubic (MTON) size*.

<u>Number of Operating Room Tables</u>

Click on NUMBER OF OPERATING ROOM TABLES. Enter the *Number of Operating Room tables*.

<u>Time to Full Operational Capability (FOC)</u>

Click on TIME TO REACH FOC. Enter the *Number of Days*.

<u>Civil Engineer Category Codes</u>   Not Activated for this Version.

Follow a similar sequence to enter additional Service-approved UTCs into the RD Database.

After completing all Entries, Click **F11-Commit**. User returned to RD Main Window.

Step 11 - Create Service UTC Personnel Requirements

Figure C-7: RD Personnel Requirements Panel.

NOTE: User <u>must</u> Enter *UTC Code* <u>before</u> any other data entry is allowed.

Click on UTC.   Enter the *UTC Code*.   After entry, Push RETURN Key.

Unit Type Codes Panel refreshes and reappears with *UTC Code* displayed.

Click on UTC DESCRIPTION.   Enter the *UTC Description*. After entry, Push RETURN Key.

Unit Type Codes Panel refreshes and reappears with *UTC Code* and *UTC Description* displayed.

User may now enter remaining data in <u>any</u> sequence.

<u>Specialty</u>

Click on SPECIALTY. Enter *DoD Occupational Skill Category Code*.   If the user does not recall which specialty is appropriate, the Enter the wild card search symbol **"%"** in SPECIALTY, and   Press **F3-List** to obtain listing of available DoD Occupational Skill Codes from which to select.

<u>Title</u>

MEPES will display the appropriate Title for any valid DoD Occupational Skill Category Code entered in the specialty field. No entry required.

<u>Quantity</u>

Click on QUANTITY.   Enter the *Total Quantity of Personnel for each speciality*.

NOTE: If the user wants to differentiate between military skill levels, user may group skill levels by using a GRADE factor.

<u>Grade</u>

Click on GRADE. Enter the *Military Grade*.

NOTE: User may use the GRADE factor to differentiate between skill levels. Allowable rates: O1 through O9 and E1 through E9.   User must enter the O and E in the upper case.

<u>Corps</u>

Click on CORPS. Enter the Service unique *medical corps designation*.

NOTE: Non-medical officer personnel should be designated as "Non". Enlisted members should be designated as "Enl".

<u>Critical</u>

MEPES will default all Hospital Personnel as *CRITICAL* unless user overrides.

After all entries have been made, Click **F11-Commit**. Personnel Requirements Panel refreshes and reappears.

Follow similar sequence to enter additional Service-approved UTC Personnel Requirements into the RD Database.

After Final Entry - Click **F11-Commit**. User returned to RD Main Window.

Step 12 - Create CINC RD MENU Display

```
┌─────────────────────────────────────────┐
│  CINC PLANNING FACTORS                   │
└─────────────────────────────────────────┘
```

MEPES allows each CINC to create a list of medical supplies considered critical to support operations within their Area of Responsibility (AOR).

Step 13 - Create RD CINC Planning Factors

Figure C-8: RD CINC Planning Factors Panel.

Select < *CINC* >, push appropriate **RADIO** Button.

TO CREATE A NSN DATA RECORD LIST

MEPES allows the user to enter a NSN using two primary methods: 1) manually entering the NSN; or 2) selecting the NSN from the database list.

Manual Entry:

Click on NSN. Enter *NSN*.   MEPES will automatically populate NSN Name field.

After entry Click **ADD** Button. Continue to add NSN data records in similar manner. (MEPES will automatically save after every 10 data record entries.)

List Selection Entry:

Click on NSN. Enter wild card symbol **"%"**(percentage), then Press **F3-List** Key. MEPES will search the database and display the complete list of NSNs.

Select "< NSN data record >" , then Click **OK** button. CINC Planning Factors Panel refreshes and reappears with selected NSN displayed in input fields.

Click on **ADD** Button. Panel refreshes and reappears to allow for additional selections. Continue to add NSNs in similar manner.

After all additions have been made, Click **F11-Commit**. CINC Planning Factors Panel refreshes and reappears.

NOTE: MEPES provides a selective search capability by entering the _ (underscore) followed by the % (wild card) in the NSN FIELD, and Pressing **F3-List**. If invoked, a data record list will be displayed. Select and Add in manner described above.

User may now add or delete a NSN Data Record. **IF YES**, continue with desired step. **IF NO** further action desired for this CINC, User may either access an additional CINC by pushing the desired CINC **RADIO** button. Continue to add or delete NSNs in similar manner. OR Click **F10-Back**. User returned to RD Main Window.

TO DELETE A NSN Data Record

Select "< NSN data record >", Double Click; then Click **DELETE** button. Delete Confirmation Message Appears, Click **YES / CANCEL**. Continue to delete data records in similar manner.

Once all Deletions have been made, Click **F11-Commit**. RD CINC Planning Factors Panel refreshes and reappears.

User may now add or delete a Data Record. **IF YES**, continue with desired step. **IF NO** further action desired for this CINC, User may either access an additional CINC by pushing the desired

CINC **RADIO** button. Continue to add or delete NSNs in similar manner. OR Click **F10-Back**. User returned to RD Main Window.

Step   14 - Create
JOINT   RD   MENU
Display

BLOOD FACTORS
CLASS I B-RATIONS
AIRCRAFT CONVEYANCE FACTORS
AEROMEDICAL CREW FACTORS
MASF AND ASF CAPACITY

Select < *create joint RD menu option* >

If, < *Blood Factors* >, go to step 15
If, *<Class I B-Rations* >, go to step 18
If, < *Aircraft Conveyance Factors* >, go to step 16
If, < *Aeromedical Crew Factors* >, go to step 17
If, < *MASF and ASF Capacity* >, go to step 19

Step 15 - Create RD Blood Planning Factors

Figure C-9: RD Blood Factors Panel.

Click on BLOOD PRODUCT TYPE. Enter the *Blood Consumption Rate* for each BLOOD PRODUCT TYPE for all OPZONEs.

User may enter rates in <u>any</u> sequence.

After completing all entries, Click **F11-Commit**. User returned to RD Main Window.

Step 16 - Create RD Aircraft Conveyance Factors

Figure C-10: Aircraft Conveyance Factors Panel.

TO CREATE (ADD) AN AIRCRAFT CONVEYANCE FACTORS DATA RECORD

Aircraft Type

Click on AIRCRAFT TYPE.   Enter an *Aircraft Type*.

Mission Role and Type

Click on MSN ROLE.   Enter the *Mission Role* value. Click on MSN TYPE.   Enter the *Mission Type* value.

Patient Load

Click on PAT LOAD.   Enter *Patient Carrying Capacity* value.

Load Time

Click on LOAD TIME.   Enter the *Load Time* value.

Aircraft Turnaround Time

Click on TURN TIME.   Enter the *Turnaround Time* value.

AE Crew Planning Factor

Click on AE CREW PLNG FACTOR. Enter the *AE Crew Planning factor*.

AE Crew Members Required by Aircraft

Click on AE CREW REQD. Enter the *Number of Individual AE Crew Members*.

AE Equipment Weight

Click on AE EQUIP WT (STON).   Enter the *STON Weight*.

AE Equipment Cube

Click on AE EQUIP CU (MTON). Enter the *Cubic Measurement*.

After all data record entries have been made, Click on **ADD** button. Aircraft Conveyance Factors Panel refreshes and reappears. Continue to add data records in similar manner.

Once all additions have been completed, Click **F11-Commit**. Aircraft Conveyance Factors Panel refreshes and reappears.

User may add, modify, or delete an Aircraft Conveyance Data Record. **IF YES** continue with desired step. **IF NO** further action desired, Click **F10-Back**. User returned to RD Main Window.

TO CHANGE DATA WITHIN AN AIRCRAFT CONVEYANCE FACTOR DATA RECORD

Select "< Aircraft Conveyance Data Record >", then Double Click. Data record displayed in Input Fields.

Click on FIELD(s).   Enter Changes to: *- Pat Load - Load Time -Turn Time - AE Crew Plng Factor - AE Crew Reqd - AE Equip Wt - AE Equip Cu -*, as necessary, then Click **MODIFY** button. Continue to change data records in similar manner. (MEPES will automatically save after every 10 data record entries).

NOTE: MEPES will not allow the primary identification fields to be changed. Primary fields used to identified an aircraft are: 1) Aircraft Type; 2) Msn Type; and 3) Msn Role. To correct entries in these fields, the user must first delete the data record then return to the add mode to create a new data record.

Once all changes have been made, Click **F11-Commit**. RD Conveyance Planning Factors Panel refreshes and reappears.

User may add, modify, or delete an Aircraft Conveyance Data Record. **IF YES** continue with desired step. **IF NO** further action desired, Click **F10-Back**. User returned to RD Main Window.

TO DELETE AN AIRCRAFT CONVEYANCE FACTOR DATA RECORD

Select "< Aircraft Conveyance Factors Data Record >", then Click **DELETE** button. Delete Confirmation Message appears, Click **YES / CANCEL**. Continue to delete data records in similar manner.

Once all Deletions have been made, Click **F11-Commit**. RD Aircraft Conveyance Factors Panel refreshes and reappears.

User may add, modify, or delete a Aircraft Conveyance Data Record. **IF YES** continue with desired step. **IF NO** further action desired, Click **F10-Back**. User returned to RD Main Window.

Step 17 - Create RD Aeromedical Crew Factors

Figure C-11: RD Aeromedical Crew Factors Panel.

Select UNIFIED COMMAND by pushing appropriate **RADIO** button.

TO CREATE (ADD) AN AEROMEDICAL CREW FACTORS DATA RECORDS

Aircraft Type

Click on AIRCRAFT TYPE. Enter an *Aircraft Type*.

Mission Role and Type

Click on MISSION TYPE.   Enter the *Mission Type* value. Click on MISSION ROLE. Enter the *Mission Role* value.

Maximum number of days per month

Click on CREW (DAYS/MONTH). Enter the *Maximum Number of Days.*

After all data record entries have been made, Click **ADD** button. Aeromedical Crew Factors Panel refreshes and reappears. Continue to add data records in similar manner.

Once all additions for selected CINC have been made, Click **F11-Commit**. Aeromedical Crew Factors Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Crew Factors data record. **IF YES** continue with desired step. **IF NO** further action desired for this CINC, User may either access an additional CINC by pushing the desired CINC **RADIO** button. Continue to add, modify, or delete in similar manner. OR Click **F10-Back**. User returned to RD Main Window.

TO CHANGE DATA WITHIN AN AEROMEDICAL CREW FACTORS DATA RECORD

Select "< Aeromedical Crew Factors data record >", then Double Click. Data record displayed in Input fields.

Click on CREW (DAYS/MONTH). Enter Change to *Maximum Number of Days*.

NOTE: MEPES will not allow the primary identification fields to be changed. Primary fields used to identified an aircraft are: 1) Aircraft Type; 2) Msn Type; and 3) Msn Role. To correct entries in these fields, the user must first delete the data record then return to the add mode to create a new data record.

After the data record change has been made, Click **MODIFY** button. Aeromedical Crew Factors Panel refreshes and reappears. Continue to modify data records in similar manner.

Once all changes for selected CINC have been completed, Click **F11-Commit**. Aeromedical Crew Factors Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Crew Factors data record. **IF YES** continue with desired step. **IF NO** further action desired for this CINC, User may either access an additional CINC by pushing the desired CINC **RADIO** button. Continue to add, modify, or delete in similar manner. OR Click **F10-Back**. User returned to RD Main Window.

TO DELETE AN AEROMEDICAL CREW FACTORS DATA RECORD

Select "< Aeromedical crew factors data record >", then Click **DELETE** Button. Delete Confirmation Message Appears, Click **YES / CANCEL**. Continue to delete data records in similar manner.

Once all deletions for the selected CINC have been completed, Click **F11-Commit**. Aeromedical Crew Factors Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Crew Factors data record. **IF YES** continue with desired step. **IF NO** further action desired for this CINC, User may either access an additional CINC by pushing the desired CINC **RADIO** button. Continue to add, modify, or delete in similar manner. OR Click **F10-Back**. User returned to RD Main Window.

Step 18 - Create RD Class I B-Rations

Figure C-12: Class I B-Ration Panel.

Click on B-RATION %. Enter the *Percentage Rate* of patients who will consume the normal B- Ration. Click on B-RATION LBS. Enter the *Weight in Pounds* of the standard B-Ration.

Click on B-RATION CU FT. Enter the *Cubic Feet* of the standard B-Ration. Click on MEDICAL B-RATION %. Enter the *Percentage Rate* of patients who will consume the Medical B-Ration supplement.

Click on MEDICAL B-RATION LBS. Enter the *Weight in Pounds* of the Medical B-Ration supplement. Click on MEDICAL B RATION CU FT. Enter the *Cubic Feet* of the Medical B-Ration supplement.

After completing all entries, Click **F11-Commit**. User returned to RD Main Window.

Step 19 - Create RD MASF and ASF Capacity Planning Factors

Figure C-13: MASF/ASF Planning Panel.

TO CREATE (ADD) AN AEROMEDICAL STAGING FACILITY DATA RECORD

UTC

Click on UTC data field. Enter a *Aeromedical Staging Facility UTC code.*

UTC Description

If a standard UTC is used, MEPES will populate the *UTC Description* field. If a non-standard UTC is being created, then the User MUST enter the description. Enter the description in same manner as entering the UTC code.

24-Hour Capacity

Click on 24-HR CAPACITY. Enter the planned 24 hour *Patient Processing* Capacity of the aeromedical staging facility.

Aeromedical Staging Facility Type Code (M/A)

NOTE: The following codes are used to differentiate between the mobile and fixed aeromedical staging facilities. The code "M" is used to identify the Mobile Aeromedical Staging Facility (MASF). The code "A" is used to identify the fixed Aeromedical Staging Facility (ASF).

Click on the M/A. Enter the appropriate *Aeromedical Staging Facility Type Code*.

After entries have been made, Click **ADD** button. Continue to add data records in a similar manner.

Once all additions have been made, Click **F11-Commit**. Aeromedical Staging Facilities Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Staging Facility data record. **IF YES** continue with desired step. Continue to add, modify, or delete in similar manner. **IF NO**, Click **F10-Back**. User returned to RD Main Window.

TO CHANGE DATA WITHIN AN AEROMEDICAL STAGING FACILITY DATA RECORD

Select "< Aeromedical Staging Facilities data record >", then Double Click. Data record displayed in Input Fields.

Click on FIELDs. Enter Changes to: *- UTC Description - 24 Hr Capacity - M/A -*, as necessary, then Click **MODIFY** button. Continue to change data records in similar manner.

NOTE: MEPES will not allow the primary identification field to be changed. The Primary field used to identify an aeromedical staging facility is the UTC code. To correct the UTC, the user must first delete the data record then return to the add mode to create a new data record.

Once all changes have been made, Click **F11-Commit**. Aeromedical Staging Facilities Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Staging Facility data record. **IF YES** continue with desired step. Continue to add, modify, or delete in similar manner. **IF NO**, Click **F10-Back**. User returned to RD Main Window.

2d8bc27b70b4b209

TO DELETE AN AEROMEDICAL STAGING FACILITY DATA RECORD

Select "< Aeromedical Staging Facilities data record >", then Click **DELETE** button. Delete Confirmation Message Appears, Click **YES/CANCEL**. Continue to delete data records in similar manner.

Once all deletions have been made, Click **F11-Commit**. Aeromedical Staging Facilities Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Staging Facility data record. **IF YES** continue with desired step. Continue to add, modify, or delete in similar manner. **IF NO**, Click **F10-Back**. User returned to RD Main Window.

Step 20 - Browse Type Reference Data Menu Display

```
SERVICE
CINC
JOINT
```
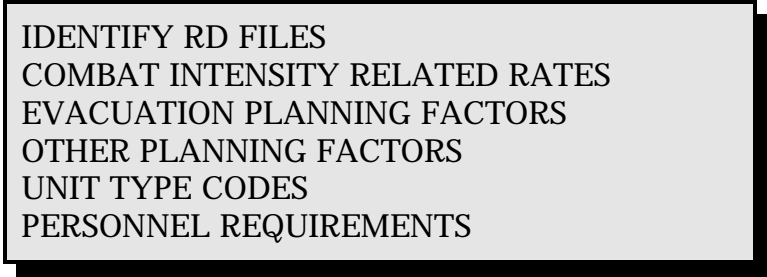
Select < *Type Reference Data* >

If < *Service* >, go to step 21
If < *CINC* >, go to step 28
If < *Joint* >, go to step 29

Step 21 - Browse Service RD Menu Display

```
IDENTIFY RD FILES
COMBAT INTENSITY RELATED RATES
EVACUATION PLANNING FACTORS
OTHER PLANNING FACTORS
UNIT TYPE CODES
PERSONNEL REQUIREMENTS
```

Select < *browse service Rd menu option* >

If < *Identify RD* > , go to step 22
If < *Combat Intensity Related Rates* >, go to step 23
If < *Evacuation Planning Factors* >, go to step 24
If < *Other Planning Factors* >, go to step 25
If < *UTCs* >, go to step 26
If < *Personnel Requirements* >, go to step 27

Step 22 - Identify Service RD to Browse

Figure C-14: Identify RD List Box Panel.

Select "< Service RD >", then Double Click or Click **OK** button. User returned to RD Main Window

Once Service RD Identified, User may Browse data in any sequence.

Step 23 - Browse Combat Intensity Related Rates

RD Combat Intensity Related Rate Panel (see Figure C-3) displayed for the Service RD selected.

After review, Click **F10-Back**. User returned to RD Main Window.

Step 24 - Browse Evacuation Planning Factors

RD Evacuation Policy Panel (see Figure C-4) displayed for the Service RD selected starting with EP Day Two.

Click **F7-Next Record**, to move forward . Click **F6-Previous Record**, to move backwards. Or enter desired EP day in the EVACUATION POLICY data field and Press RETURN.

After review - Click **F10-Back**. User returned to RD Main Window.

Step 25 - Browse Other Planning Factors

RD Other Planning Factors Panel (see Figure C-5) displayed for the Service RD selected.

After review - Click **F10-Back**. User returned to RD Main Window.

Step 26 - Browse Service UTC's

RD Service UTC Panel (see Figure C-6) displayed.

User must identify a UTC by either:

Clicking on UTC CODE, and entering *UTC Code*. Press Return. MEPES will display UTC operational characteristics on identified UTC.

<div align="center">OR</div>

Clicking on UTC, then Pressing **F3-List**;   A list box of available hospital UTCs appears. Select "< UTC >", then Double Click. MEPES displays selected UTC Code. Press Return. MEPES will display UTC operational characteristics of selected UTC.

TO BROWSE ADDITIONAL UTCs

User may access additional UTCS by overriding the *UTC Code* by using either procedure described.

After final review - Click **F10-Back**. User returned to RD Main Window.

Step 27 - Browse Service UTC Personnel Requirements

Service RD Personnel Requirements Panel (see Figure C-7) displayed.

USER may identify UTC by either:

Clicking on UTC CODE and entering a *UTC Code*. Press Return. MEPES will display UTC personnel requirements on identified UTC.

OR

Clicking on UTC, and then Pressing **F3-List**.   A list box of available hospital UTCs appears. Select "< UTC >", then Double Click. MEPES will display UTC personnel requirements of selected UTC. Press Return.

TO BROWSE ADDITIONAL UTC PERSONNEL REQUIREMENTS

User may access an additional UTC by overriding the *UTC Code* in data field by using either procedure described above.

After final review - Click **F10-Back**. User returned to RD Main Window.

Step 28 - Browse CINC RD Menu Display

CINC PLANNING FACTORS

RD CINC Planning Factors Panel (see Figure C-8) displayed.
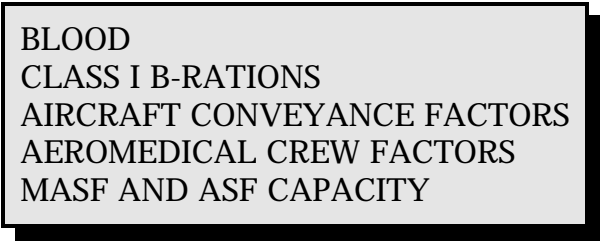
Select < CINC > by pushing appropriate **RADIO** button. MEPES will display CINC critical medical supply items for selected CINC.

TO BROWSE ADDITIONAL CINCs

User may access additional CINC listings by pushing a new CINC button.

After final review - Click **F10-Back**. User returned to RD Main Window.

Step 29 - Browse Joint RD Menu Display

BLOOD
CLASS I B-RATIONS
AIRCRAFT CONVEYANCE FACTORS
AEROMEDICAL CREW FACTORS
MASF AND ASF CAPACITY

Select < *browse joint RD menu option* >

If, < *Blood* >, go to step 30
If, < *Class I B-Rations* >, go to step 31
If, < *Aircraft Conveyance Factors* >, go to step 32
If, < *Aeromedical Crew Factors* >, go to step 33
If, < *MASF and ASF Capacity* >, go to step 34

Step 30 - Browse Blood Factors

RD Blood Factors Panel (see Figure C-9) displayed.

After review, Click **F10-Back**. User returned to RD Main Window.

Step 31 - Browse Class I B Rations

RD Class I B Rations Panel (see Figure C-12) displayed.

After review, Click **F10-Back**. User returned to RD Main Window.

Step 32 - Browse Aircraft Conveyance Factors

RD Aircraft Conveyance Factors Panel (see Figure C-10) displayed.

After review - Click **F10-Back**. User returned to RD Main Window.

Step 33 - Browse Aeromedical Crew Factors

RD Aeromedical Crew Factors Panel (see Figure C-11) displayed.

Select < CINC > by pushing appropriate **RADIO** button. MEPES will display Aeromedical
Crew Factors for selected CINC.

TO BROWSE ADDITIONAL CINCs

User may access additional CINC information by pushing a new CINC button.

After final review - Click **F10-Back**. User returned to RD Main Window.

Step 34 - Browse MASF and ASF Capacity Factors

RD Aeromedical Staging Facilities Panel (see Figure C-13) displayed.

After review - Click **F10-Back**. User returned to RD Main Window.

Step 35 - Modify Type Reference Data Menu Display

```
SERVICE
CINC
JOINT
```
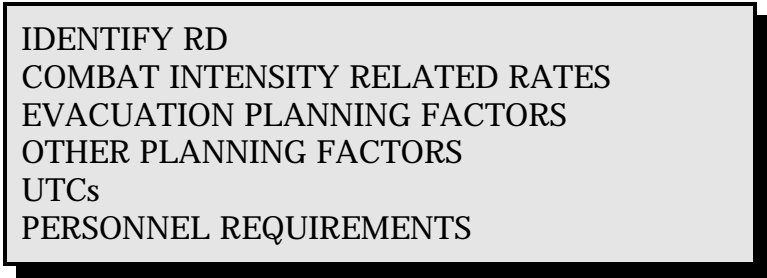
Select < *Type Reference Data* >

If < *Service* >, go to step 36
If < *CINC* >, go to step 43
If < *Joint* >, go to step 44

Step 36 - Modify Service RD Menu Display

```
IDENTIFY RD
COMBAT INTENSITY RELATED RATES
EVACUATION PLANNING FACTORS
OTHER PLANNING FACTORS
UTCs
PERSONNEL REQUIREMENTS
```

Select < *modify service RD menu option* >

If < *Identify RD* >, go to step 37
If < *Combat Intensity Related Rates* >, go to step 38
If < *Evacuation Planning Factors* >, go to step 39
If < *Other Planning Factors* >, go to step 40
If < *UTCs* >, go to step 41
If < *Personnel Requirements* >, go to step 42

Step 37 - Identify Service RD to Modify

Identify Service RD List Box (see Figure C-14) displayed.

Select < Service RD >, then Double Click or Click **OK** button. User returned to RD Main Window.

Once Service RD identified, User may modify data in <u>any</u> sequence.

Step 38 - Modify Combat Intensity Related Rates

RD Combat Intensity Related Rate Panel (see Figure C-3) displayed for the Service RD selected.

Click on the individual COMBAT INTENSITY RATE(S). Enter desired Modification(s).

After entering modification(s), Click **F11-Commit**. User returned to RD Main Window.
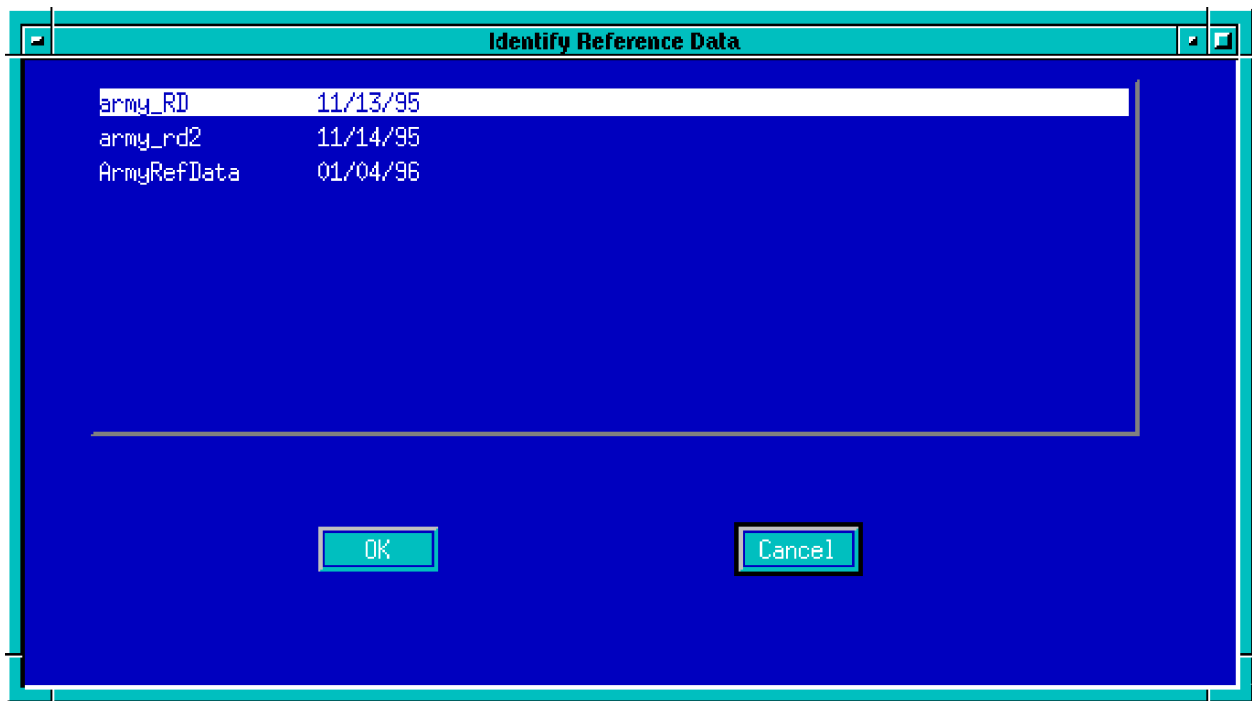
Step 39 - Modify Evacuation Planning Factors

RD Evacuation Policy Panel (see Figure C-4) displayed for the Service RD selected starting with EP Day Two.

Click on FIELD(s). Enter desired Modification(s) for specific EP day. After changes are made, Click **F11- Commit**. Evacuation Policy Panel refreshes and reappears.

User may either Click **F7-Next Record** to move to the next EP Day Panel and Enter additional modifications as desired for EP Days 2 through 60 (Click **F6-Previous Record** to move backwards). Or may Double Click on the EVACUATION POLICY, Enter a new *EP Day*, then Press Enter. This process will allow the user to move a specific EP day to allow further modifications. The user may continue to make modifications in a similar manner.

After all modifications have been made, Click **F10-Back**. User returned to RD Main Window.

Step 40 - Modify Other Planning Factors

RD Other Planning Factors Panel (see Figure C-5) displayed for the Service RD selected.

Click on FIELDS.   Enter desired Modification(s).

After entering modification(s), Click **F11-Commit**. User returned to RD Main Window.

Step 41 - Modify Service UTC's

RD Service UTC Panel (see Figure C-6) displayed.

Identify a UTC to modify by either:

Clicking on UTC CODE and Entering the *UTC Code*. Then Press Return. MEPES will display the UTC operational characteristics of the identified UTC.

<div align="center">OR</div>

Clicking on UTC CODE and Pressing **F3-List**. A List box of available hospital UTCs appears. Select "< UTC data record >", then Double Click. MEPES will display selected UTC Code in the input field. Press Return. MEPES will display UTC operational characteristics of the identified UTC.

Click on FIELD(s).   Enter desired Modification(s).

Once all Modifications for a specific UTC have been completed, Click **F11-Commit**. RD Unit Type Codes Panel refreshes and reappears.

User may Select new UTC for modification by using either UTC Identification Method.

After all UTC modifications have been made, Click **F10-Back**. User returned to RD Main Window.

Step 42 - Modify Service UTC Personnel Requirements

Service RD Personnel Requirements Panel (see Figure C-7) displayed.

Click on UTC CODE. Enter *UTC Code*. Press Return. Panel will refresh and reappear with UTC personnel requirements for identified UTC displayed.

ALTERNATIVE METHOD

Click on UTC CODE. Press **F3-List** (keyboard). MEPES will display list of available UTCs.

Select "< UTC data record >", then Click **OK** button. MEPES will display UTC Code. Press Return. MEPES will display Personnel Requirements of selected UTC.

TO ADD A STAFF REQUIREMENT DATA RECORD

Click on SPECIALTY. Enter *DoD Occupational Skill Code*; Title will be auto-generated; Click on FIELDS, Enter *Quantity - Grade - Corps - Critical (Default or Override)*.

After entry Click **ADD** button. Continue to add data records for this UTC in similar manner. (MEPES will automatically save after every 10 data record entries).

Once all additions have been made for the specific UTC, Click **F11-Commit**. Service RD Personnel Requirements Panel refreshes and reappears.

To add data records for additional UTCs, Follow the same UTC Identification Procedures. IF NO further action desired, Click **F10-Back**. User returned to RD Main Window.

TO CHANGE DATA WITHIN A STAFF REQUIREMENT DATA RECORD

Select "< Staff Requirement data record >", then Double Click. Data record displayed in Input Fields.

Click on FIELDS. Enter Change, then Click **MODIFY** button. Continue to change data records for this UTC in similar manner. (MEPES will automatically save after every 10 data record entries).

Once all modifications have been made for the specific UTC, Click **F11-Commit**. Service RD Personnel Requirements Panel refreshes and reappears.

To modify data records in additional UTCs, Follow the same UTC Identification Procedures. IF NO further action desired, Click **F10-Back**. User returned to RD Main Window.

TO DELETE A STAFF REQUIREMENT DATA RECORD

Select "< Staff Requirement data record >", then Click **DELETE** button. Delete Confirmation Message Appears, Click **YES / CANCEL**.   Continue to delete data records for this UTC in similar manner.

Once all deletions have been made for the specific UTC, Click **F11-Commit**. Service RD Personnel Requirements Panel refreshes and reappears.

To delete data records in additional UTCs, Follow the same UTC identification procedures. IF NO further action desired, Click **F10-Back**. User returned to RD Main Window.

Step 43 - Modify CINC RD Menu Display

CINC PLANNING FACTORS

RD CINC Planning Factors Panel (see Figure C-8) for the first CINC is displayed.

TO CREATE A NSN DATA RECORD LIST

MEPES allows the user to enter an NSN using two primary methods: 1) manually entering the NSN; or 2) selecting the NSN from the database list.

Manual Entry:

Click on NSN.   Enter *NSN*; MEPES will automatically populate NSN Name field.

After entry, Click **ADD** Button. Continue to Add NSN data records in similar manner. (MEPES will automatically save after every 10 data record entries).

List Selection Entry:

Click on NSN. Enter *%* (percent sign), then Press **F3-List** Key. MEPES will search the database and display the complete list of NSNs.

Select "< NSN data record >" , then Click **OK** button. CINC Planning Factors Panel refreshes and reappears with selected NSN displayed in input fields.

Click on **ADD** Button. Panel refreshes and reappears to allow for additional selections. Continue to add NSNs in similar manner.

After entries are completed, Click **F11-Commit**. CINC Planning Factors Panel refreshes and reappears.

NOTE: MEPES provides a selective search capability by entering the _ (underscore) followed by the % (wild card) in FIELD, and then Pressing **F3-List**. If invoked, a data record list will be displayed. Select and add in manner described above.

User may now add or delete a NSN data record. **IF YES**, continue with desired step. **IF NO** further action desired for this CINC, User may either access an additional CINC by pushing the desired CINC **RADIO** button. Add or delete NSNs in similar manner. OR Click **F10-Back**. User returned to RD Main Window.

TO DELETE A NSN DATA RECORD

Select "< NSN data record >", Double Click; then Click **DELETE** Button. Delete Confirmation Message Appears, Click **YES / CANCEL**. Continue to delete data records in similar manner.

Once all deletions have been completed, Click **F11-Commit**. RD CINC Planning Factors Panel refreshes and reappears.

User may now add or delete a NSN data record. **IF YES**, continue with desired step. **IF NO** further action desired for this CINC, User may either access an additional CINC by pushing the desired CINC **RADIO** button. Add or delete NSNs in similar manner. OR Click **F10-Back**. User returned to RD Main Window.

Step 44 - Modify Joint RD Menu Display

```
BLOOD
CLASS I B-RATIONS
AIRCRAFT CONVEYANCE FACTORS
AEROMEDICAL CREW FACTORS
MASF AND ASF CAPACITY
```

Select < *Modify Joint RD menu option* >

If, < *Blood* >, go to step 45
If, < *Class I B Rations* > , go to step 46
If, < *Aircraft Conveyance Factors* >, go to step 47
If, < *Aeromedical Crew Factors* >, go to step 48

If, < *MASF and ASF Capacity* >, go to step 49

Step 45 - Modify Blood Factors

RD Blood Factors Panel (see Figure C-9) displayed.

Click on BLOOD PRODUCT FIELD. Enter desired Modification(s).

After entering modification(s), Click **F11-Commit**. User returned to RD Main Window.

Step 46 - Modify Class I B-Rations Planning Factors

RD Class I B Rations Panel (see Figure C-12) displayed.

Click on FIELDS. Enter desired Modification(s).

After entering modification(s), Click **F11-Commit**. User returned to RD Main Window.

Step   47 - Modify Aircraft Conveyance Factors

RD Aircraft Conveyance Factors Panel (see Figure C-10) displayed.

TO ADD AN AIRCRAFT CONVEYANCE FACTOR DATA RECORD

Aircraft Type

Click on AIRCRAFT TYPE.   Enter an *Aircraft Types*.

Mission Role and Type

Click on MSN ROLE. Enter the *Mission Role* value. Click on MSN TYPE.   Enter the *Mission Type* value.

Patient Load

Click on PATIENT LOAD.   Enter the *Patient Carrying Capacity* value.

Load Time

Click on LOAD TIME.   Enter the *Load Time* value.

Aircraft Turnaround Time

Click on TURN TIME. Enter the *Turnaround Time* value.

AE Crew Planning Factor

Click on AE CREW PLNG FACTOR. Enter the *AE Crew Planning factor*.

AE Crew Members Required by Aircraft

Click on AE CREW REQ.   Enter the *Number of individual AE crew members*.

AE Equipment Weight

Click on AE EQUIP WT (STON).   Enter the *STON Weight*.

AE Equipment Cube

Click on AE EQUIP CU (MTON).   Enter the *Cubic measurement*.

After all data record entries have been entered, Click **ADD** button. Aircraft Conveyance Factors Panel refreshes and reappears. Continue to add data records in similar manner.

Once all additions have been made, Click **F11-Commit**. RD Conveyance Planning Factors Panel refreshes and reappears.

User may add, modify, or delete an Aircraft Conveyance data record. **IF YES** continue with desired step. **IF NO** further action desired, Click **F10-Back**. User returned to RD Main Window.

TO CHANGE DATA WITHIN AN AIRCRAFT CONVEYANCE DATA RECORD

Select "< Aircraft Conveyance data record >", then Double Click. Data record displayed in Input Fields.

Click on FIELD(s). Enter Changes to: *- Pat Load - Load Time -Turn Time - AE Crew Plng Factor - AE Crew Reqd - AE Equip Wt - AE Equip Cu -*, as necessary, then Click **MODIFY** button. Continue to change data records in similar manner. (MEPES will automatically save after every 10 data record entries.)

NOTE: MEPES will not allow the primary identification fields to be changed. Primary fields used to identified an aircraft are: 1) Aircraft Type; 2) Msn Type; and 3) Msn Role. To correct entries in these fields, the user must delete the data record then access the add mode to create a new data record.

Once all Changes have been completed, Click **F11-Commit**. RD Conveyance Planning Factors Panel refreshes and reappears.

User may now add, modify, or delete an Aircraft Conveyance data record. **IF YES** continue with desired step. **IF NO** further action desired, Click **F10-Back**. User returned to RD Main Window.

TO DELETE AN AIRCRAFT CONVEYANCE DATA RECORD

Select "< Aircraft Conveyance data record >", then Click **DELETE** Button. Delete Confirmation Message Appears, Click **YES / CANCEL**. Continue to delete data records in similar manner.

Once all deletions have been made, Click **F11-Commit**. RD Aircraft Conveyance Factors Panel refreshes and reappears.

User may now add, modify, or delete an Aircraft Conveyance data record. **IF YES** continue with desired step. **IF NO** further action desired, Click **F10-Back**. User returned to RD Main Window.

Step 48 - Modify Aeromedical Crew Factors

RD Aeromedical Crew Factors Panel (see Figure C-11) displayed for first CINC.

TO ADD AN AEROMEDICAL CREW FACTORS DATA RECORD

Aircraft Type

Click on AIRCRAFT TYPE. Enter an *Aircraft Type*.

NOTE: Only aircraft previously identified in the Joint RD Conveyance Planning Factors table will be accepted. If User attempts to add an aircraft not in the database, an error message will be displayed.

Mission Role and Type

Click on MISSION TYPE. Enter the *Mission Type* value. Click on MISSION ROLE. Enter the *Mission Role* value.

Maximum number of days per month

Click on CREW (DAYS/MONTH). Enter the *Maximum Number of Days*.

After all data record entries have been made, Click **ADD** button. Aeromedical Crew Factors Panel refreshes and reappears. Continue to add data records in similar manner.

Once all additions for selected CINC have been completed, Click **F11-Commit**. Aeromedical Crew Factors Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Crew Factors data record. **IF YES** continue with desired step. **IF NO** further action desired for this CINC, User may either access an additional CINC by pushing the desired CINC **RADIO** button. Continue to add, modify, or delete in similar manner. OR Click **F10-Back**. User returned to RD Main Window.

TO CHANGE DATA WITHIN AN AEROMEDICAL CREW FACTORS DATA RECORD

Select "< Aeromedical Crew Factors data record >", then Double Click. Data record displayed in Input fields.

Click on CREW (DAYS/MONTH). Enter changes to *Maximum Number of Days*. Continue to Change data records in similar manner.

NOTE: MEPES will not allow the primary identification fields to be changed. Primary fields used to identified an aircraft are: 1) Aircraft Type; 2) Msn Type; and 3) Msn Role. To correct entries in these fields, the user must delete the data record then access the add mode to create a new data record.

After all data record changes has been made, Click **MODIFY** button. Aeromedical Crew Factors Panel refreshes and reappears. Continue to modify data records in similar manner.

Once all changes for selected CINC have been completed, Click **F11-Commit**. Aeromedical Crew Factors Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Crew Factors data record. **IF YES** continue with desired step. **IF NO** further action desired for this CINC, User may either access an additional CINC by pushing the desired CINC **RADIO** button. Continue to add, modify, or delete in similar manner. OR Click **F10-Back**. User returned to RD Main Window.
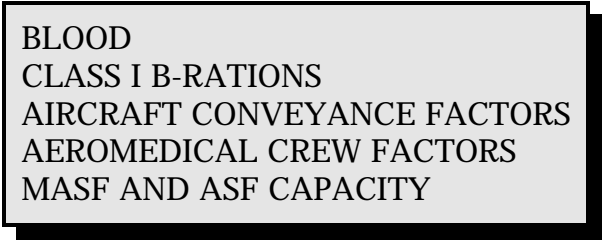
TO DELETE AN AEROMEDICAL CREW FACTORS DATA RECORD

Select "< Aeromedical crew factors data record >", then Click **DELETE** button. Delete Confirmation Message Appears, Click **YES / CANCEL**. Continue to delete data records in similar manner.

Once all deletions for the selected CINC have been completed, Click **F11-Commit**. Aeromedical Crew Factors Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Crew Factors data record. **IF YES** continue with desired step. **IF NO** further action desired for this CINC, User may either access an additional CINC by pushing the desired CINC **RADIO** button. Continue to add, modify, or delete in similar manner. OR Click **F10-Back**. User returned to RD Main Window.

Step 49 - Modify MASF and ASF Capacity Planning Factors

RD Aeromedical Staging Facilities Panel (see Figure C-13) displayed.

TO CREATE (ADD) AN AEROMEDICAL STAGING FACILITY DATA RECORD

UTC

Click on UTC data field. Enter a *Aeromedical Staging Facility UTC code.*

UTC Description

If a standard UTC is used, MEPES will populate the *UTC Description* field. If a non-standard UTC is being created, then the User <u>must</u> enter the description. Enter the description in same manner as entering the UTC code.

24-Hour Capacity

Click on 24-HR CAPACITY. Enter the planned 24 hour *Patient Processing* Capacity of the aeromedical staging facility.

Aeromedical Staging Facility Type Code (M/A)

NOTE: The following codes are used to differentiate between the mobile and fixed aeromedical staging facilities. The code "M" is used to identify the Mobile Aeromedical Staging Facility (MASF). The code "A" is used to identify the fixed Aeromedical Staging Facility (ASF).

Click on the M/A. Enter the appropriate *Aeromedical Staging Facility Type Code*.

Once all additions have been made, Click **F11-Commit**. Aeromedical Staging Facilities Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Staging Facility data record. **IF YES** continue with desired step. Continue to add, modify, or delete in similar manner. **IF NO**, Click **F10-Back**. User returned to RD Main Window.

TO CHANGE DATA WITHIN AN AEROMEDICAL STAGING FACILITY DATA RECORD

Select "< Aeromedical Staging Facilities data record >", then Double Click. Data record displayed in Input Fields.

Click on FIELDs. Enter Changes to: *- UTC Description - 24 Hr Capacity - M/A* -, as necessary, then Click **MODIFY** button. Continue to change data records in similar manner.

NOTE: MEPES will not allow the primary identification field to be changed. The Primary field used to identify an aeromedical staging facility is the UTC code. To correct the UTC, the user must first delete the data record then return to the add mode to create a new data record.

Once all changes have been made, Click **F11-Commit**. Aeromedical Staging Facilities Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Staging Facility data record. **IF YES** continue with desired step. Continue to add, modify, or delete in similar manner. **IF NO**, Click **F10-Back**. User returned to RD Main Window.

<u>TO DELETE AN AEROMEDICAL STAGING FACILITY DATA RECORD</u>

Select "< Aeromedical Staging Facilities data record >", then Click **DELETE** button. Delete Confirmation Message Appears, Click **YES/CANCEL**. Continue to delete data records in similar manner.

Once all deletions have been made, Click **F11-Commit**. Aeromedical Staging Facilities Panel refreshes and reappears.

User may add, modify, or delete an Aeromedical Staging Facility data record. **IF YES** continue with desired step. Continue to add, modify, or delete in similar manner. **IF NO**, Click **F10-Back**. User returned to RD Main Window.

<u>Step 50 - Delete RD Menu</u>

RD Delete List Box (see Figure C-14) displayed.

Select < *Delete* >, RD LIST BOX will appear.

Select "< Service RD >", Double Click. Delete Confirmation Message appears, Click **YES / CANCEL**. User returned to RD Main Menu. Continue to delete other Service RDs in similar manner.   Once all deletions have been made, Click **F10-Back**. User returned to RD Main Window.

<u>Step 51 - Transfer RD</u>

MEPES allows the medical database planner to transfer Service and Joint Medical Reference Databases from one server to another server.

Select TRANSFER TYPE, Click appropriate TRANSFER TYPE **RADIO** Button.

Figure C-15: RD Transfer Panel.

If IMPORT or EXPORT SERVICE TRANSFER TYPE is selected then only **one** Service
Reference Database is transferred. When this action is invoked, the Joint Reference Database in
automatically included. If IMPORT or EXPORT ALL TRANSFER TYPE is selected then **all**
Services Reference Databases are transferred. Again the Joint Reference Database is include.
ONLY the Joint User may invoked the IMPORT/EXPORT ALL TRANSFER TYPE.

MEPES will default SERVICE NAME **RADIO** button to SERVICE used during MEPES Login.
To Change, Click appropriate SERVICE NAME **RADIO** button.

Select MEDIA , Click appropriate MEDIA **RADIO** button.

If < *Tape* > selected, then Click **F11-Commit**.

If < *Host* > selected, then continue with following:

Click on USER ID. Enter *User ID*. Click on PROJECT, Enter *Project*. Click on PASSWORD. Enter *Password*. Click on CATALOG. Enter *Catalog*.

NOTE: This information is for access to the GCCS host system. (See Site Database Administrator for specific details).

After entry, Click **F11-Commit**. Transfer Confirmation Message appears, Click **OK** button. User returned to RD Main Window.

Step 52 - List RD Files Display

RD List Box (see Figure C-14) displayed. MEPES will display a List Box of all Service RD files.

After Review, Click **OK**. User Returned to RD Main Window.

Step 53 - RD Reports

RD List Box (see Figure C-14) displayed.

Select " < RD data record >", then Double Click or Click **OK** Button.

MEPES displays a Printer Selection List Box. Select "< Printer >", then Double Click or Click **OK** Button. MEPES displays a Printer Confirmation Message. Click **OK**. User returned to RD Main Window.

```
24-MAR-94                        UNCLASSIFIED                      PAGE 1
                          MEDICAL REFERENCE DATA REPORT
SERVICE  - US Air Force
SCENARIO - Notional


--------------------------------------------------------------------------------
                      Bed Dispersion Allowance (in percent)
--------------------------------------------------------------------------------

Opzone    Bed Dispersion
------    --------------
1         20

2         17

3         13

4         13

5         13


--------------------------------------------------------------------------------
                        Died in Hospital Rates (in percent)
--------------------------------------------------------------------------------

Died in Hospital (DIH) Rate: 5

Unconventional DIH Rate:     0

--------------------------------------------------------------------------------
                   Class VIIIA Consumption Factors (lbs/factor/day)
--------------------------------------------------------------------------------


Opz    ADM      PAR      PAT
---    ------   ------   ------
1      0        0        8

2      0        0        8

3      0        0        8

4      0        0        8

5      0        0        8


--------------------------------------------------------------------------------
                            Combat Intensity Rates
--------------------------------------------------------------------------------

Int   WIA     KIA     MIA     CAP     ADM     BF      DIS     NBI     UNCV
---   ------- ------- ------- ------- ------- ------- ------- ------- -------
1        0       0       0       0       0       0     1.6      .4      0

2        1     .11     .02     .02      .1      .2     1.8     .45      0

3      2.5     .75      .1      .1      .1      .5       2      .5      0

4     3.25    1.75      .5      .5     .25     .65      .2     .55      0

5     5.25    3.25     .75     .75     .35    1.05     2.4      .6      0
```

Figure C-16: Sample RD Report.

```
24-MAR-94                          UNCLASSIFIED                          PAGE 1
                              UTC REFERENCE DATA REPORT
SERVICE  - US Air Force

                                   Hospital UTCs


UTC CODE          FFEB1            FFEC1            FFGKA
DESCRIPTION       250-bed hosp     500-bed hosp     50-bed ATH

# OF BEDS

ICU                  20               40                8
ICW                 130              260               32
MCW                 100              200               10
CCW                   0                0                0

DAYS OF SUPPLY

Basic Load           60               30               30
Resupply Pkg          0               30               30
Pounds/Day            0             5200             1600

RESUPPLY PACKAGE

Weight (STONS)        0               78             23.9
Cube (MTONS)          0            217.5               95

# OR TABLES

OR Tables             4                8                2

DAYS UNTIL
FULL CAPACITY

FOC                   1                3                1
```

Figure C-16: Sample RD Report (continued).

```
24-MAR-94                          UNCLASSIFIED                                PAGE 1
                              UTC REFERENCE DATA REPORT

SERVICE  - US Air Force

                         Hospital UTC Personnel Requirements

UTC     DESCRIPTION
-----   -----------
FFEB1   250-bed hosp


Specialty  Title                                      Quantity  Grade  Corps  Critical
---------  -----                                      --------  -----  -----  --------
300        MEDICAL CARE AND TREATMENT                      57     E5    ENL      Y
301        SURGERY                                         11     E5    ENL      Y
302        BEHAVIORAL SCIENCES                             16     E5    ENL      Y
304        ORTHOPEDIC                                       3     E5    ENL      Y
311        BIOMEDICAL LABORATORY SERVICES                   5     E5    ENL      Y
312        PHARMACY                                         7     E5    ENL      Y
313        RADIOLOGY                                        4     E5    ENL      Y
322        ENVIRONMENTAL HEALTH SERVICES                    3     E5    ENL      Y
323        OPHTHALMOLOGY/OPTOMETRY                          3     E5    ENL      Y
325        DIET THERAPY                                     4     E5    ENL      Y
326        BIOMEDICAL EQUIPMENT MAINTENANCE AND REPAIR      4     E5    ENL      Y
330        VETERINARY MEDICINE                              8     E5    ENL      Y
331        ENVIRONMENTAL HEALTH SERVICES                    2     E5    ENL      Y
340        MEDICAL ADMINISTRATION AND LOGISTICS            24     E5    ENL      Y
6A01       Aviation/Aerospace Medicine                      2     O4    MC       Y
6A07       Dermatology                                      1     O4    MC       Y
6A09       General Medicine                                 1     O3    MC       Y
6A11       Family Practice                                  2     O4    MC       Y
6A12       Internal Medicine                                2     O4    MC       Y
6A15       Obstetrics and Gynecology                        1     O4    MC       Y
6A19       Otolaryngology                                   1     O4    MC       Y
6A25       Psychiatry                                       2     O4    MC       Y
6A30       Surgery                                          3     O4    MC       Y
6A32       Orthopedic Surgery                               1     O4    MC       Y
6A36       Urology                                          2     O4    MC       Y
6C01       Executive Dentistry                              1     O5    DC       Y
6C07       Periodontics                                     2     O4    DC       Y
6C08       Prosthodontics                                   1     O4    DC       Y
6C11       General Dentistry                                1     O4    DC       Y

                                   UNCLASSIFIED
```

Figure C-16: Sample RD Report (continued).

```
24-MAR-94                       UNCLASSIFIED                      PAGE 1
                         MEDICAL REFERENCE DATA REPORT
SERVICE  - US Air Force
SCENARIO - Notional


--------------------------------------------------------------------------------
                         EVACUATION POLICY: Standard
--------------------------------------------------------------------------------


Evacuation
Policy Day   2     3     4     5     6     7     8     9     10    11


----------
EVACUEES %
----------
WIA          98    97    96    95    94    92    91    90    89    88
DIS          84    82    80    79    73    67    60    56    52    48
NBI          84    84    80    79    73    67    60    56    52    48
BF           25    24    23    22    21    20    19    18    17    16
UNCV          0     0     0     0     0     0     0     0     0     0
----------
ASMRO %
----------
MM            6     6     6     6     6     6     6     6     6     6
MP            6     6     6     6     6     6     6     6     6     6
SS           13    13    13    13    13    13    13    13    13    13
SO            0     0     0     0     0     0     0     0     0     0
SSN           7     7     7     7     7     7     7     7     7     7
SC           45    45    45    45    45    45    45    45    45    45
SSO           4     4     4     4     4     4     4     4     4     4
SB            1     1     1     1     1     1     1     1     1     1
SSC           8     8     8     8     8     8     8     8     8     8
SG            4     4     4     4     4     4     4     4     4     4
SSM           5     5     5     5     5     5     5     5     5     5
MC            0     0     0     0     0     0     0     0     0     0
SSU           1     1     1     1     1     1     1     1     1     1
----------
BED ACUITY
----------
ICU          15    15    15    15    15    15    15    15    15    15
ICW          45    45    45    45    45    45    45    45    45    45
MCW          20    20    20    20    20    20    20    20    20    20
CCW          20    20    20    20    20    20    20    20    20    20
----------
LITTER %
----------
LITTER       60    60    60    60    60    60    60    60    60    60
```

Figure C-16: Sample RD Report (continued).

```
07-JUL-94                       UNCLASSIFIED                         PAGE 1
                       JOINT/CINC REFERENCE DATA REPORT


--------------------------------------------------------------------------------
                               BLOOD FACTORS
--------------------------------------------------------------------------------

  Opzone  Red Blood Cells  Fresh Frozen Plasma  Platelet Concentrate
  ------  ---------------  -------------------  --------------------
  1                     4                   .6                    .3
  2                     4                   .6                    .3
  3                     4                   .6                    .3
  4                     4                   .6                    .3
  5                     4                   .6                    .3


--------------------------------------------------------------------------------
              CINC Planning Factors - Critical Item List
--------------------------------------------------------------------------------

  Organization
  ------------
  CENTCOM

      NSN                 Name
      ---------------     ---------------------------------------------------
      6505-00-083-6538    Dextrose Inj. 5% (2ML)
      6505-00-129-5518    Morphine Sulfate
      6505-00-129-6709    Chlorpromazine HCL Inj.
      6505-01-003-5343    Thiopental Sodium Inj.
      6505-01-010-0833    Cefazolin Sod Inj. (Ancef)
      6515-00-089-3470    Blood Recipient Sets
      6680-00-935-4242    Oxygen Regulator

  EUCOM

      NSN                 Name
      ---------------     ---------------------------------------------------
      6505-00-129-5518    Morphine Sulfate
      6505-00-146-4425    Sulfisoxazole Tabs
      6505-00-890-2172    Pot Pen G
      6510-00-133-4369    Webril 4"

  PACOM

      NSN                 Name
      ---------------     ---------------------------------------------------
      6505-00-129-5518    Morphine Sulfate


--------------------------------------------------------------------------------
                       Aircraft Conveyance Factors
--------------------------------------------------------------------------------

  Aircraft  Msn    Msn    Pat    Load   Turn   Crew    Crew  Equip    Equip
  Type      Type   Role   Load   Time   Time   Plng    Reqd  Wt       Cu
            (R/D)  (T/S)         (Hrs)  (Hrs)  Factor        (STON)   (MTON)
  --------  -----  -----  -----  -----  -----  ------  ----  -------  --------
    767       D      S     100     5      1     1.25    10    1.58      4.4
    C-130     D      T      60    .5      1     1.2      7    1.2       3.4
    C-130     R      T      50    .5      1     1.25     5    1.04      2.9
    C-141     D      S      90     1      1     1.2     10    1.69      4.7
    C-141     R      S      60     1      1     1.25     7    1.75      4.1
    C-9       D      T      40    .6      1     1.2      5     .63      1.8

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```

Figure C-16: Sample RD Report (continued).

```
07-JUL-94                        UNCLASSIFIED                        PAGE 2
                        JOINT/CINC REFERENCE DATA REPORT


-------------------------------------------------------------------------------
                        Aeromedical Crew Factors
-------------------------------------------------------------------------------

  Organization
  ------------
CENTCOM

        Aircraft    (R/D)  (T/S)  Month)
        ----------  -----  -----  ------
        C-130       D      T          15
        C-130       R      T          15
        C-141       D      S           7
        C-141       R      S           5
        C-9         D      T          15


  EUCOM

        Aircraft    (R/D)  (T/S)  Month)
        ----------  -----  -----  ------
        C-130       D      T          15
        C-130       R      T          15
        C-141       D      S           9
        C-141       R      S           7
        C-9         D      T          15


  SOUTHCOM

        Aircraft    (R/D)  (T/S)  Month)
        ----------  -----  -----  ------
        C-130       D      T          15
        C-130       R      T          15
        C-141       D      S          10
        C-141       R      S           9
        C-9         D      T          15

-------------------------------------------------------------------------------
                        MASF/ASF Processing Rates
-------------------------------------------------------------------------------

  UTC    Description      Processing Rate  Masf/Asf
  -----  --------------   ---------------  --------
  FFLAB  AES MOBILE AERO              200      M
  FFLBD  AES 50 BED ASF                50      A
  FFLCA  AES 100 BED ASF              100      A
  FFLDA  AES 150 BED ASF              150      A
  FFLEA  AES 250 BED ASF              250      A

-------------------------------------------------------------------------------
                     B-Ration/Medical B-Ration Factors
-------------------------------------------------------------------------------

  B-Rat   B-Rat   B-Rat                Med B-Rat  Med B-Rat  Med B-Rat
  Percent Pounds  Cubic Feet           Percent    Pounds     Cubic Feet
  ------- ------  ----------           ---------  ---------  ----------
     77   3.834      .1226                  23      4.28        .131

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```

Figure C-16: Sample RD Report (continued).